

CLAIMS

1. A snowskateboard comprising:
  - a support deck having an upper side and a lower side opposite said upper side;
  - a first truck mounted to said lower side, said first truck including a first yoke having a first axle disposed in said first yoke;
  - a first left runner disposed over said first axle and a first right runner disposed over said first axle opposite said first left runner;
  - a first biasing mount disposed over said first axle and mounted in each of said first left runner and said first right runner, said first biasing mount having a first biasing member configured to bias said first biasing mount in a torsional direction relative to said first axle;
  - a second truck mounted to said lower side distal from said first truck, said second truck including a second yoke having a second axle disposed in said second yoke;
  - a second left runner disposed over said second axle and a second right runner disposed over said second axle opposite said second left runner; and
  - a second biasing mount disposed over said second axle and mounted in each of said second left runner and said second right runner, said second biasing mount having a second biasing member configured to bias said second biasing mount in a torsional direction relative to said second axle.

2. The snowskateboard of claim 1 wherein each of said first biasing mount, and said second biasing mount are configured to bias each respective said first left runner, said first right runner, said second left runner and said second right runner in at least one of a level position, a rear rotated position and a forward rotated position.

3. The snowskateboard of claim 1 wherein each of said first left runner, said first right runner, said second left runner and said second right runner include at least one protuberance extending from a snow-side surface.

4. The snowskateboard of claim 3 wherein each at least one protuberance includes a rail extending from said protuberance distal from said snow-side surface.

5. The snowskateboard of claim 4 wherein said rail is selected from the group consisting of metal material, ceramic material, diamond material, hardened plastic material, and hardened polymer material.

6. The snowskateboard of claim 1 wherein each of said first biasing member and said second biasing member comprise a torsion spring disposed over said first axle and said second axle respectively.

7. The snowskateboard of claim 1 wherein each of said first biasing member and said second biasing member comprise a rack and pinion mechanism, wherein said rack is disposed between rack biasing members.

8. The snowskateboard of claim 1 wherein each of said first left runner, said first right runner, said second left runner and said second right runner include a runner body defining a rack biasing member cavity configured to house a rack biasing member.

9. The snowskateboard of claim 8 wherein said rack biasing member is disposable over one of said first axle and said second axle.

10. A snowskateboard comprising:  
a support deck having an upper side and a lower side opposite said upper side;  
a first truck mounted to said lower side, said first truck comprising a first truck base having a first truck base body, said first truck base body including a mount side and a support side opposite said mount side, said first truck base body including a front end and a rear end opposite said front end, said truck base body including a first pivot support formed in said support side proximate said rear end of said first truck base body and a first coupling support formed in said support side proximate said first front end of said first truck base body, said first

truck comprising a first truck yoke having a first yoke body, said first yoke body including a first axle support portion and a first coupling portion extending from said first axle support portion and a first pivot portion extending from said first axle support portion distal from said first coupling portion, said first coupling portion configured to couple to said first coupling support and said first pivot portion configured to couple to said first pivot support, said first truck yoke having a first axle disposed in said first axle support portion substantially orthogonal to said first coupling portion and said first pivot portion of said first yoke body, said first axle having a left side and a right side opposite said left side;

a first left spring loaded mount disposed over said left side of said first axle and a first right spring loaded mount disposed over said right side of said first axle, said first left spring loaded mount and said first right spring loaded mount each including a first biasing member configured to bias said first left spring loaded mount and said first right spring loaded mount in a torsional direction relative to said first axle;

a first left runner disposed over said first left spring loaded mount;

a first right runner disposed over said first right spring loaded mount;

a second truck mounted to said lower side distal from said first truck, said second truck comprising a second truck base having a second truck base body, said second truck base body including a second mount side and a second support side opposite said second mount side, said second truck base body including a second front end and a second rear end opposite said second front end,

said second truck base body including a second pivot support formed in said second support side proximate said second rear end of said second truck base body and a second coupling support formed in said second support side proximate said second front end of said second truck base body, said second truck comprising a second truck yoke having a second yoke body, said second yoke body including a second axle support portion and a second coupling portion extending from said second axle support portion and a second pivot portion extending from said second axle support portion distal from said second coupling portion, said second coupling portion configured to couple to said second coupling support and said second pivot portion configured to couple to said second pivot support, said second truck yoke having a second axle disposed in said second axle support portion substantially orthogonal to said second coupling portion and said second pivot portion of said second yoke body, said second axle having a left side and a right side opposite said left side;

a second left spring loaded mount disposed over said left side of said second axle and a second right spring loaded mount disposed over said right side of said second axle, said second left spring loaded mount and said second right spring loaded mount each including a second biasing member configured to bias said second left spring loaded mount and said second right spring loaded mount in a torsional direction relative to said second axle;

a second left runner disposed over said second left spring loaded mount; and

a second right runner disposed over said second right spring loaded mount.

11. The snowskateboard of claim 10 wherein each of said first left spring loaded mount, said first right spring loaded mount, said second spring loaded mount and said second right spring loaded mount are configured to bias each respective said first left runner, said first right runner, said second left runner and said second right runner in at least one of a level position, a rear rotated position and a forward rotated position.

12. The snowskateboard of claim 10 wherein each of said first left runner, said first right runner, said second left runner and said second right runner include at least one protuberance extending from a snow-side surface.

13. The snowskateboard of claim 12 wherein each at least one protuberance includes a rail extending from said protuberance distal from said snow-side surface.

14. The snowskateboard of claim 13 wherein said rail is selected from the group consisting of metal material, ceramic material, diamond material, hardened plastic material, and hardened polymer material.

15. The snowskateboard of claim 10 wherein each of said first biasing members and said second biasing members comprise a torsion spring disposed over said first axle and said second axle respectively.

16. The snowskateboard of claim 10 wherein each of said first biasing members and said second biasing members comprise a rack and pinion mechanism, wherein said rack is disposed between rack biasing members.

17. The snowskateboard of claim 10 wherein each of said first left runner, said first right runner, said second left runner and said second right runner include a runner body defining a rack and pinion biasing mechanism housing configured to house a rack and pinion biasing mechanism.

18. The snowskateboard of claim 8 wherein said rack biasing member is disposable over one of said first axle and said second axle.

19. A method of using a snowskateboard comprising:  
selecting a set of snowskateboard runners, said set of snow skateboard runners comprising a first left runner having a first biasing mount mounted in said first left runner and a first right runner having a first biasing mount mounted in said first right runner and a second left runner having a second

biasing mount mounted in said second left runner and a second right runner having a second biasing mount mounted in said second right runner;

mounting said first left runner on an axle of a first skateboard truck, wherein said first biasing mount is disposed over said first skateboard truck axle;

mounting said first right runner on said axle of said first skateboard truck opposite said first left runner, wherein said first biasing mount is disposed over said first skateboard truck axle;

mounting said second left runner on an axle of a second skateboard truck, wherein said second biasing mount is disposed over said second skateboard truck axle;

mounting said second right runner on said axle of said second skateboard truck opposite said second left runner, wherein said second biasing mount is disposed over said second skateboard truck axle; and

adjusting each of said first biasing mounts and said second biasing mounts to configure each respective said first left runner, said first right runner, said second left runner and said second right runner biased in at least one of a level position, a rear rotated position and a forward rotated position.

20. The method of claim 19 wherein said first biasing mount has a first biasing member configured to bias said first biasing mount in a torsional direction relative to said first axle and said second biasing mount has a second biasing



member configured to bias said second biasing mount in a torsional direction relative to said second axle.